

**Amendments to the Claims:**

**CLAIMS**

1.     **(Currently Amended)**     A system for delivering an in-home test device to a patient at the request of a physician, comprising:
  - a user interface coupled to a network;
  - a test ordering system coupled to the user interface, wherein the test ordering system is configured to enable the in-home test device to be delivered the patient at the request of the physician;
  - an order verification system;
  - a database including patient, test and physician records;
  - a shipping and retrieval system, coupled to the ordering system,delivering the test apparatus to the patient; and
  - a result delivery system, delivering test results to the physician.
2.     **(Original)**     The system of claim 1 wherein the test ordering system comprises a call center.
3.     **(Original)**     The system of claim 1 wherein the user interface system comprises a World-Wide Web based interface.
4.     **(Original)**     The system of claim 1 wherein the shipping system comprises an interface to a commercial courier service.
5.     **(Original)**     The system of claim 1 wherein the verification system is housed at a physically different location from the user interface.
6.     **(Original)**     The system of claim 1 wherein the test ordering system includes a tracking system allowing authorized access to the test device status.
7.     **(Original)**     The system of claim 1 wherein the verification system includes an authorization routine interfacing with the database.

8. **(Original)** The system of claim 1 wherein the verification system includes a user security hierarchy

9. **(Original)** The system of claim 7 wherein the shipping and device retrieval system includes an interface to the database transferring shipping information to the database.

10. **(Currently Amended)** The system of claim 1 further including a device return verification application, communicating with ~~the~~ a logistics system.

11. **(Original)** The system of claim 1 further including a data report generator.

12. **(Currently Amended)** A system for delivering a home test unit to a patient upon the request of an authorized physician, comprising:

a test ordering system, including a telephone access system, a facsimile access system and a WWW access system;

a data management system coupled to the ordering system;

a test distribution and retrieval system coupled to the data management system, wherein the test distribution and retrieval system is configured to enable the home test unit to be delivered to the patient upon the request of the authorized physician; and

a test data distribution system, coupled to the data management system;

wherein the data management system further includes:

an authorization system verifying the identity of the authorized physician;

an order tracking system; and

a device tracking system.

13. **(Original)** The system of claim 12 wherein the ordering system includes a call center subsystem.

14. **(Original)** The system of claim 12 wherein the data management system includes at least one database containing patient and physician records.

15. **(Original)** The system of claim 14 wherein the at least one database includes device tracking information.

16. **(Original)** The system of claim 14 further including at least a second database separate from the first database containing a subset of records of said at least one database, and physically housed at a common courier service.

17. **(Original)** The system of claim 12 wherein the data management system includes a security application defining and identifying different levels of users accessing the system.

18. **(Original)** The system of claim 17 wherein the user levels include members and non-members.

19. **(Original)** The system of claim 18 wherein the user levels include patient members, patient non-members, consumer members, physician members, and physician non-members.

20. **(Original)** The system of claim 14 wherein the test distribution and retrieval system includes use of a common courier.

21. **(Original)** The system of claim 20 wherein the system includes an interface application between the at least one database and the common courier service.

22. **(Original)** The system of claim 21 wherein each test unit includes a unique identification code which is exchanged between the courier service and the interface application.

23. **(Original)** The system of claim 12 wherein said test data distribution system includes a result retrieval system coupled to the test device when the test unit is with the patient.

24. **(Original)** The system of claim 12 wherein said test data distribution system includes a result retrieval system coupled to the test device when the test device is returned to the distribution and retrieval system.

25. **(Original)** A method for delivering a test unit to a patient and distributing results of the test, comprising:

- (a) receiving an order from a physician for distribution of a test to a patient via a computer coupled to a network;
- (b) verifying the authorization of the physician to place the order and the patient to receive the order;
- (c) storing tracking information regarding a test unit shipped to the patient;
- (d) shipping the test unit to the patient;
- (e) retrieving test results from the unit; and
- (f) distributing the test results.

26. **(Original)** The method of claim 25 wherein said step (a) includes receiving an order via a telephone.

27. **(Original)** The method of claim 25 wherein said step (a) includes receiving an order via a secure World Wide Web interface.

28. **(Original)** The method of claim 25 wherein said step (a) includes receiving an order via a facsimile.

29. **(Original)** The method of claim 25 wherein said step (c) comprises providing a database including a test unit identification number and patient information, and correlating the test unit information number and patient information during shipment and retrieval.

30. **(Original)** The method of claim 29 wherein said step (c) further includes storing, in said database, shipping information including a transmittal date to said patient.

31. **(Original)** The method of claim 25 further including a step, following said step (d), of retrieving the test unit from the patient.

32. **(Original)** The method of claim 25 further including a step, following said step (e), of retrieving the test unit from the patient.

33. **(Original)** The method of claim 25 wherein said step (f) comprises:  
(fl) determining a user authorized to receive the test results and transmitting the test results to the authorized user.

34. **(Original)** The method of claim 25 wherein said step (f) comprises transmitting the test results via a secure World Wide Web connection.

35. **(Original)** The method of claim 25 wherein said step (f) comprises transmitting the test results by facsimile to an authorized recipient.

36. **(Currently Amended)** A system for delivering a medical test to a patient and distributing the results of the test to a physician, comprising:  
a World-Wide Web based portal including a secure test ordering interface;  
a database order processing system coupled to the portal;  
a logistics system interface configured communicate with the database order processing system to enable the medical test device to be delivered to the patient; and  
a result distribution system.

37. **(Original)** The system of claim 36 wherein said order processing system includes a database including physician, patient, test and device records.

38. **(Original)** The system of claim 37 including a database record creation application adding said records to said database.

39. **(Original)** The system of claim 36 wherein said logistics system interface includes a shipping demand order output.

40. **(Original)** The system of claim 36 wherein said logistics system interface includes a receipt application input accepting shipping numbers, device ID number, and a test identifier number.

41. **(Original)** The system of claim 36 further including a receiving and testing system accepting returned test units.

42. **(Original)** The system of claim 41 wherein said receiving and testing system includes a refurbishing facility.

43. **(Original)** The system of claim 36 wherein said result distribution system includes a verification sub-system to determine authorized recipients for test results.

44. **(Original)** The system of claim 43 wherein the result distribution system includes a report generator.

45. **(Currently Amended)** A World-Wide Web-based portal interface to a system for delivering a medical test device to a patient and distributing the results of the test to a physician, comprising:

a secure test ordering interface;

a secure medical test device ordering interface adapted to communicate with the secure test ordering interface to enable the medical test device to be delivered to the patient;

and

a secure test result retrieval interface.

46. **(Original)** The portal of claim 45 wherein the secure test ordering interface is coupled to a system for delivering a medical test to a patient including a shipping system coupled to the secure test ordering interface; a verification system coupled to the secure test ordering interface; a retrieval system; and a verification system.

47. **(Original)** The portal of claim 46 wherein said secure test result retrieval interface is coupled to a result delivery system, which includes an authorization application and a patient and physician database.